

Converting Colors

XYZ(70.6427, 63.5338, 62.6958)

Have a look what the booklet for
XYZ(70.6427, 63.5338, 62.6958)
contains.

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Color

**XYZ(70.6188, 63.5234,
62.5721)**

Conversions

Conversions Part 1

Format	Color
Hex	FFC1C7
RGB	255, 193, 199
RGB Percent	100%, 76%, 78%
CMY	0.0000, 0.2431, 0.2196
CMYK	0.00, 0.24, 0.22, 0.00
HSL	354°, 100%, 88%
HSV	354°, 24%, 100%
XYZ	70.6188, 63.5234, 62.5721
YIQ	212.2220, 35.0260, 15.0100

Conversions

Conversions Part 2

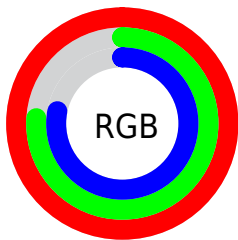
Format	Color
R _Y B	255, 193, 199
Decimal	16761287
CIE Lab	83.72, 23.05, 5.65
CIE LCh	84, 23.727, 13.769
Yxy	63.5234, 0.3590, 0.3229
Android (android.graphics.Color)	4294951367 (0xFFFFC1C7)
YUV	212.2220, -6.5184, 37.5163
Hunter-Lab	79.7016, 18.6804, 9.2437

Details

The XYZ color **70.6188, 63.5234, 62.5721** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **74.8535, 89.6981, 102.9946**, and the grayscale version is **62.7539, 66.0220, 71.8980**.

A 20% lighter version of the original color is **93.4756, 96.8512, 108.3752**, and **37.3694, 32.3799, 31.0684** is the 20% darker color. If you saturate the color by 10%, you get **62.9849, 52.2165, 47.8166**, and if you desaturate by 10%, it is **79.6324, 76.9415, 79.7862**.

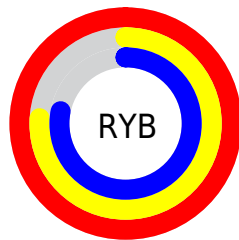
Distribution



Red (100%)

Green (76%)

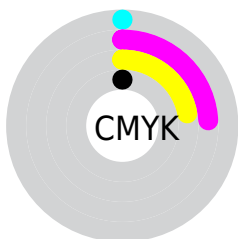
Blue (78%)



Red (100%)

Yellow (76%)

Blue (78%)

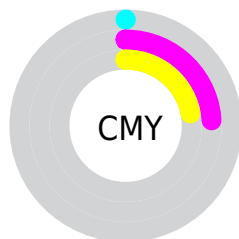


Cyan (0%)

Magenta (24%)

Yellow (22%)

Black (0%)



Cyan (0%)


Magenta (24%)


Yellow (22%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 70.6188, 63.5234, 62.5721 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.


Similar to the brightness gradients but the following saturation gradients show a change of the XYZ color 70.6188, 63.5234, 62.5721 by changing the saturation by 10% instead.


 70.6188, 63.5234,
62.5721

 70.6188, 63.5234,
62.5721


451.9523,
437.4665, 452.0800

 52.3126, 46.2648,
45.0564

 119.1123,
109.9243, 110.1316

 37.4796, 32.4548,
31.1585


150.0302,
139.8353, 141.0123

 25.7544, 21.7091,
20.4601


185.8828,
174.7326, 177.1852

 16.7717, 13.6433,
12.5426

227.0353,
215.0005, 219.0687

 10.1661, 7.8730,
6.9873

273.8532,
261.0234, 267.0814

 5.5724, 4.0138,
3.3758

326.7017,

 2.6250, 1.6813,

313.1858, 321.6419

1.2896

385.9463,
371.8721, 383.1685

■ 0.9587, 0.4115,
0.0532

■ 0.0000, 0.0000,
0.0000

■ 70.6188, 63.5234,
62.5721

■ 70.6188, 63.5234,
62.5721

■ 62.9849, 52.2165,
47.8166

■ 79.6324, 76.9415,
79.7862

■ 56.6582, 42.9055,
35.4036

■ 90.0845, 92.5618,
99.5599

■ 51.5664, 35.4768,
25.2137

95.0500, 100.0000,
108.9000

■ 47.6284, 29.8019,
17.1150

■ 44.7531, 25.7364,
10.9619

■ 42.8359, 23.1127,
6.5899

■ 41.7500, 21.7263,
3.8069

■ 41.4118, 21.3287,
2.8348

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



70.4954, 63.5234, 77.4833



70.6188, 63.5234, 62.5721



67.8894, 63.5234, 51.1879

Triad

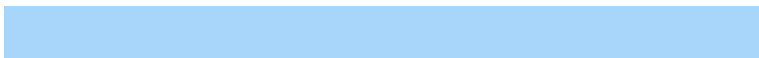
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



70.6188, 63.5234, 62.5721



53.7211, 63.5234, 50.4791



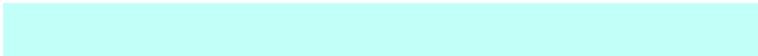
57.6251, 63.5234, 100.4654

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



70.6188, 63.5234, 62.5721



74.8535, 89.6981, 102.9946

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



53.4404, 63.5234, 90.9267



70.6188, 63.5234, 62.5721



51.2765, 63.5234, 61.4666

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



70.6188, 63.5234, 62.5721



58.0284, 63.5234, 44.9142



51.1768, 63.5234, 76.2080



62.7883, 63.5234, 100.8745

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



70.6188, 63.5234, 62.5721



64.9053, 63.5234, 46.5276



51.1768, 63.5234, 76.2080



56.0645, 63.5234, 98.1647

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



70.6203, 63.5262, 62.5734



87.1293, 88.1400, 93.9860



76.1172, 65.4657, 103.2321



18.5104, 18.6579, 19.8547



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

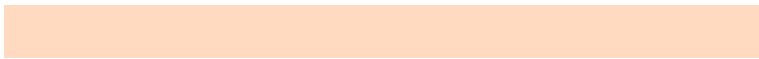
The Same Dimension uses a secret algorithm to generate beautiful new colors.



70.6203, 63.5262, 62.5734



66.8729, 57.9676, 55.3553



75.8868, 75.1515, 60.9616



18.0807, 18.0156, 19.0422



21.6621, 11.1541, 1.6050



2.1319, 1.0951, 0.2761

Inverse Universe

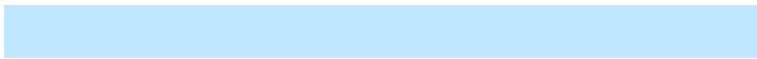
The Inverse Universe completely reimagines the original color for something new.



70.6203, 63.5262, 62.5734



66.8729, 57.9676, 55.3553



68.3970, 75.2646, 105.5304



18.0807, 18.0156, 19.0422



21.6621, 11.1541, 1.6050



2.1319, 1.0951, 0.2761

Previews

White Background



This preview shows how the XYZ color 70.6188, 63.5234, 62.5721 looks on a white background.

Color Contrast Check

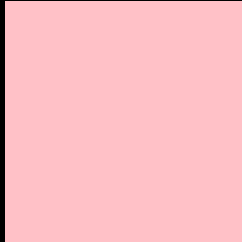
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the XYZ color 70.6188, 63.5234, 62.5721 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 70.6188, 63.5234, 62.5721

Background



This preview shows how black text looks on a background with the XYZ color 70.6188, 63.5234, 62.5721.



This preview shows how white text looks on a background with the XYZ color 70.6188, 63.5234,

62.5721.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

70.6188, 63.5234, 62.5721

Protanopia

61.2589, 63.7629, 68.1103

Deuteranopia

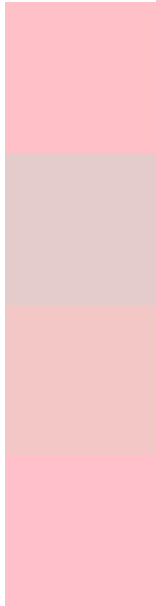
65.1303, 63.7647, 61.6984



Tritanopia

71.3521, 63.4643, 67.5206

Trichromacy



Original Color

70.6188, 63.5234, 62.5721

Protanomaly

64.2499, 63.5655, 66.0098

Deuteranomaly

67.2344, 63.8013, 62.1973

Tritanomaly

70.9887, 63.3189, 65.6070

Monochromacy



Original Color

70.6188, 63.5234, 62.5721

Achromatopsia

62.5785, 65.8375, 71.6970

Achromatomaly

65.0887, 64.6616, 68.0819

CSS Examples

Text

The CSS property to change the color of the text to XYZ 70.6188, 63.5234, 62.5721 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(255, 193, 199)` looks like.

```
.text, #text, p{  
    color:rgb(255, 193, 199)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(255, 193, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 193, 199) }
```

Border

The CSS property to change the border of an element to XYZ 70.6188, 63.5234, 62.5721 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(255, 193, 199) }
```


If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(255, 193, 199) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(255, 193, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 193, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 193, 199);  
box-shadow:4px 4px 4px 4px rgb(255, 193,  
199) }
```

Background

The CSS property to change the background color of an element to XYZ 70.6188, 63.5234, 62.5721 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 193, 199) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(255,  
193, 199) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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